



**NIELIT CALICUT**  
(Autonomous Scientific Society of Ministry of Electronics & Information Technology, Govt. of India)  
**NIT Campus Post, CALICUT-673 601, KERALA**  
Email: [purchase@calicut.nielit.in](mailto:purchase@calicut.nielit.in) Web: <http://nielit.gov.in/calicut>  
Phone: 0495-2287266 Fax: 0495-2287168

**LIMITED TENDER ENQUIRY (RE-TENDER)**

**By Speed Post**

Ref. No.: 2(1145)/2019-20/EVTS/PQA/RT

Date: **26.02.2020**

To

**DUE DATE: 11.03.2020**

1. Quotations are invited for the supply of the items as per Annexure.
2. The quotations duly **SIGNED, SEALED AND SUPERSCRIBED ON THE ENVELOPE WITH THE REFERENCE No. AND DUE DATE**, should be addressed to the undersigned so as to reach on or before the due date stipulated above. Quotations received after the due date will not be considered.
3. The quotations should be valid for acceptance for a period of **sixty days** from the due date
4. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
5. The quotations should be for goods exactly conforming to our requirements and specifications.
6. If the item is under DGS&D Rate contract, the number and the price applicable must be mentioned. It may also please be indicated whether the supply can be made direct to us at the DGS&D Rate Contract Price.
7. Relevant literature pertaining to the items quoted with full specifications and drawings, if any should be sent along with the quotations, wherever applicable. Samples, if called for, should be submitted free of charges and collected back at the supplier's expenses.
8. Copy of Manufacturing licence, Principal or Authorized Distributor/Dealer Certificate, and Proprietary Certificate, as applicable, should be enclosed.
9. Quotations should be for **free delivery** at our Centre and should clearly specify the **delivery period**. If delivery quoted is Ex-Godown/Consignor Station, delivery charges consisting of freight, packing & forwarding charges, insurance, etc. should be indicated separately. Goods should be supplied duly carriage paid and insured.
10. GST Registration Number of NIELIT Calicut is: **32AAATD0315M1Z6**. GST or any other taxes may be charged as per the rates applicable to Scientific/Educational institutions.
11. Security Deposit @ 5% of the Purchase Order/Invoice value shall be retained, in case order/contract value exceeds Rs.1 lakh, which will be released after the expiry of warranty period.
12. Goods shall not be supplied without an official purchase order.
13. Payment : Payment will be made after completion of supply, installation/assembly and commissioning of the items covered by the order along with necessary spares supplied to the entire satisfaction of NIELIT CALICUT. Payment against invoices shall normally be made within 30 days of receipt and acceptance of equipment/materials at our office. **No advance payment will be made under any circumstance.**
14. Incomplete quotations and quotations which do not comply with all the above instructions are liable to be summarily rejected.
15. NIELIT CALICUT does not bind itself to accept the lowest or any such quotation and has the right to accept or reject whole or any part of tenders or a portion of the supply of goods without assigning any reasons. No correspondence in case of rejected tenders will be entertained.
16. **Earnest Money Deposit (E.M.D.) for Rs 15,000/- be deposited by NEFT in the Bank Account No. 10401158037 (IFSC: SBIN0002207) at State Bank of India, NIT Calicut Branch, CREC Campus, Chathamangalam, Calicut – 673 601, in favour of Director, NIELIT CALICUT, failing which the quotation will be rejected. Proof of Deposit of EMD amount with Tenderer's Bank Account No. and IFSC No. should be submitted with the Quotation.**

Yours faithfully,

**Purchase In-Charge  
For Executive Director**

Encl: Annexure

## ANNEXURE TO ENQUIRY

Your Quotation No.

Date:

1	Name of item(s)	<b>3 Phase Hand Held Power Quality Analyser - 1 No</b>
2	<b>Specifications &amp; Quantity</b> <b>As per Specifications attached.</b>	
3	Price per unit in Rs. (in figures & words)	Attach separate list, if required.
4	Total Price in Rupees (in figures & words)	
5	Delivery Period	
6	Terms of Delivery	
7	Taxes, Duties, Octroi & any other statutory levies or charges	
8	Transportation, Insurance, Packing & Forwarding etc.	
9	Discount/off etc., if any	
10	GST Registration No.	
11	Payment Terms	
12	Validity of Tender	
13	Warranty	
14	Any other remarks / EMD Amount and Payment details	
15	Signature of the Tenderer with Name and Date	
16	Address with Email ID & Mobile No.	
17	Central Public Procurement Portal ( <a href="http://www.eprocure.gov.in">www.eprocure.gov.in</a> ) Registration, Email login ID	

**NB:** (1) The prices quoted and Taxes charged should be Academic/Educational Prices/rates, wherever applicable.

(2) Enquiry for the above items and specifications can also be downloaded from our website  
<http://nielit.gov.in/calicut> or [www.eprocure.gov.in](http://www.eprocure.gov.in)

(3) Please register at [www.eprocure.gov.in](http://www.eprocure.gov.in) and intimate login details without fail. Watch website for regular updates

**Specification of 3 Phase Hand held Power Quality Analyser - Qty. 1 No.**

Sl.No	Parameter	Specification	Compliance (Y/N)
1	Make and Model (Specify)		
2	Product Type	Class A Compliant	
<b>Voltage Inputs</b>			
3	No. of Inputs	4 Nos. (3 Phase + Neutral )	
4	Voltage	1 - 1000V	
5	Peak Voltage measurement	$\geq 5kV$ (In transient mode, duration $\geq 5\mu S$ )	
6	Accuracy	$\leq \pm 0.1\%$ of reading	
7	Resolution	$\leq 25mV$	
8	Crest Factor	$\geq 2.5$	
<b>Current Inputs</b>			
9	No. of Inputs	4 Nos (3 Phase + Neutral )	
10	Type	Clamp meter.	
<b>Clamp meter specification</b>			
11	Current measurement	$\geq 300A$ ac & dc	
12	Resolution	$\leq 60mA$	
13	Accuracy	$\leq \pm 1.0\%$ of reading	
14	Frequency range	0 to 10 KHz.	
15	Max. Conductor size can be measured	$\geq 18mm$ .	
16	Output Connector	BNC with safety 4mm adaptor /shrouded banana plugs	
17	Cable length	$\geq 1.5$ meter	
<b>Measurements should possible</b>			
18	<ol style="list-style-type: none"> <li>1. Three phase voltage, current, power, power factor, Cos Phi &amp; Energy.</li> <li>2. Dips, Swells, interruptions, crest factor and unbalance.</li> <li>3. Inrush current ,Flicker , Phaser diagram and waveforms.</li> <li>4. Frequency, Harmonics for voltage, current and power up to 50th order, Inter harmonics.</li> <li>5. Power loss due to unbalance and Harmonics.</li> <li>6. Inverter Efficiency.</li> </ol>		
<b>Features</b>			
19	<ol style="list-style-type: none"> <li>1. Graphical screen with display of measurement, waveform, trends and harmonic spectrum.</li> <li>2. 8GB (Expandable to 32GB) Memory to store the data up to 400 parameters, event and waveform</li> <li>3. All the measurement should be recorded for trending automatically without any setup</li> </ol>		
20	Communication	USB with control software	
21	Warranty	3 years. Quote for additional 2 years	

Accessories		
22	Power Adaptor	
	Li Ion Battery	Back up should be greater than 7Hours
	Current Clamp meter	4 Nos
	Voltage probes	4 set
	SD Card	8 GB
	PC control software (Windows)	
	USB Cable	

\* Attach detailed Technical catalogue

Sign of Authorized Signatory with Name & Seal